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Material Control Standard

Art Castleberry

As you should know, in April 2005, Revision 3 was issued to NAVSEA 0948-LP-045-7010 MATERIAL CONTROL STANDARD. This revision consolidated the 7010 Non-Nuclear Control Standard and the 6010 Nuclear Control Standard into a single Material Control Standard.

There is an error in Section 3.11.1.1 regarding record retention by activities. When the two manuals were combined, the 7010 stated that "Level I records shall be retained a minimum of 75 years. Activities shall retain Level I records a minimum of seven years, after which they may transfer the records to Federal Records Centers". The actual requirement for retention of records onboard is three years. The 75-year requirement was based on the retention requirements for nuclear records. The writers of the combined manual took the most restrictive numbers from both manuals when they developed the new MATERIAL CONTROL STANDARD. The activity that maintains the 7010 and the Type Commanders are aware of these discrepancies and are updating the 7010.

Hoke Valve Handles

Andrew Reutt

There is a potential problem in the Fleet when installing the flared tubing nuts of some system test fittings on the ¼" instrument isolation globe valves that are commonly called "Hoke valves". On some test fittings, the flared tubing nuts are bottoming out on the hoke valve handle nut before the test fitting is fully seated. As a result the fitting leaks when pressurized. The cause is that the valve handle nuts were manufactured too thick.

Here are some of the particulars. The ¼" instrument isolation globe valves in question are per NAVSEA Drawing 803-6397304 and are in section 4.9 of the STANDARD NAVY VALVES technical manual NAVSEA 0948-LP-012-5000.

The current revision of STANDARD NAVY VALVES is twenty-one (21) and it recognizes this problem in the Operating Instructions Section 4.9.7, Disassembly Procedures Section 4.9.10 and in Note 4 of Table 4.9-3 of the Parts List. The handle nut height was reduced per Revision "C" to NAVSEA Drawing 803-6397304.

The thicker handle nuts (pc 7 in STANDARD NAVY VALVES drawing) have a height of 0.32"/0.31" and are to be replaced when the valve is disassembled with thinner handle nuts (pc 30 in STANDARD NAVY VALVES drawing) which have a height of 0.22"/0.23".

STANDARD NAVY VALVES also allows the top of the handle nut (pc 7) to be machined or ground down on the side opposite the counter bore to achieve a 0.22"/0.23" handle nut height if the replacement nuts are not available.

Bottom line: When installing any test fitting onto ¼" instrument isolation valves be sure the test equipment is not bottoming out on the handle nut and check the handle nut height and correct if necessary. If you have any questions please contact Andrew Reutt at (757) 393-7139 or ReuttJA@nnsy.navy.mil.

Primary Valve O-Rings

Jamie Gardner

It has become apparent after many Primary Valve Operator Train the Trainer courses that some changes made in the STANDARD NAVAL NUCLEAR VALVES AND AUXILIARY EQUIPMENT NAVSEA 0989-150-0000 have not been noticed by the Fleet. We hope to draw attention to some of the recent and not so recent changes.

There is now a requirement that the cap threads, bonnet threads, the O-RING, AND THE O-RING SEATING SURFACE be lubricated prior to installation of the cap. This is not being done throughout the fleet.

Chapter 1.1 Appendix 1.1/B now lists the torque specs for all nuclear valves for each type of platform. This appendix includes 4" Valves, pre-Standard Navy valves and vent and drain type valves.

There is also a change to the tooling for standard navy vent and drain valves. A special wrench is called out. The wrench is six inches long and on one end it has an 11/16" box end and on the opposite end a ¾" open-end operator. The old 6" cutoff 11/16" box end wrench is no longer on the specified on the tool table.

The required tools list in each valve component chapter specifies a torque wrench with an operating light to indicate when the required torque is reached. This means that as your existing torque wrenches go out of calibration and require replacement, you are required to order the torque wrench called out in the component chapters of STANDARD NAVAL NUCLEAR VALVES as listed on the primary valve tooling APL. Standard Fleet practice is to disable the light, however, this should not be done.

If you have any questions please contact FMSB PVO instructors.

UPCOMING FMSB TRAINING

Jamie Gardner

FMSB is scheduled to conduct the following training:

- Primary Valve Operator Training with 4" Valve Operations, USS HARRY S. TRUMAN, December 5-9. POC: LT Paul Dorris (757) 444-6882

- Primary Valve Operator Train-the-Trainer Course, Submarine Training Facility, Norfolk and USS CHARLOTTE, December 12-16 and January 9-13, 2006. POC: EMC Joshua Norville (757) 373-8352

- Technical Assist Training, USS FRANK CABLE, November 28-December 7. Topics: Format I, Format II, TWD Changes, SUBSAFE, Controlled Material, DFS, LARs, QA Forms, and Testing. POC: LTJG Homer Hensy, USS FRANK CABLE QAO

- Technical Assist Training, TRF Kings Bay, December 5-9. Topics: Primary Valve Repair, Carbide Seat Cutting Tool and Tooling Maintenance. POC: MMC Baker (38N) (912) 573-8323

- Quality Maintenance Course, AIRLANT units, December 5-16. POC: LT Paul Dorris (757) 444-6882

For information on scheduling training with Fleet Maintenance Support Branch, contact Jamie Gardner at (757) 393-7042 or GardnerJM@nnsy.navy.mil.

Per Diem Changes

Jamie Gardner

There has been a recent change in facilities at Norfolk Naval Shipyard. The Navy Galley has been closed. This means that there are no government messing facilities.

This greatly affects the required per diem rates for sailors attending any courses here at FMSB. All sailors attending FMSB courses should be paid the higher per diem rate (i.e. the rate for no government messing available). Please ensure that your sailors have enough money when attending our courses on TAD orders.

FMSB COURSE SCHEDULE

Propulsion Plant Trade Skills Couse
CANTRAC S-661-1026
Detailer: MMC (SW) Catherine Haynes
catherine.haynes@navy.mil
(901) 874-3632 DSN 882-3632
PPTSC 06-1 Dec 5-16, 2005
PPTSC 06-2 Jan. 9-21, 2006
PPTSC 06-3 May 8-19, 2006
PPTSC 06-4 July 8-19, 2006
PPTSC 06-5 Sept 5-15, 2006

Nuclear Planner Course
CANTRAC S-661-1022
Detailer: ETC (SW) Victor Harris
victor.l.harris@navy.mil
(901) 874-3651 DSN 882-3627
NPC 06-1 Jan 18-Feb 22, 2006
NPC 06-2 July 24-Aug 25, 2006

Quality Assurance Officer Course
CANTRAC S-4H-0001
Detailer: LCDR Jeff Pafford
jeffery.pafford@navy.mil
(901) 874-3945 DSN 882-3945
QAOC 06-1 Oct 3-Nov 4, 2005
QAOC 06-2 Apr 17-May 18, 2006

Nuclear Trade Skills Course
CANTRAC S-661-1025
Detailer: MMC Jacob Orlowski
jacob.orlowski@navy.mil
(901) 874-3628 DSN 882-3628
NTSC 06-1 Oct 3-Nov 15, 2005
NTSC 06-2 Mar 6-Apr 14, 2006

Contacting FMSB

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Distance Learning Conducted

Walter Plaine

FMSB conducted a blended distance learning Propulsion Plant Trade Skill Course (PPTSC) with submariners in Pearl Harbor. The first week was conducted using 4 hour Video Tele-Training (VTT) sessions each day from the Dam Neck Naval Base VTT Suite to a suite at Pearl Harbor using the Navy/Marine Corps Tele-Training Network. The second 4 hour block each day the first week was spent training with Computer Aided Maintenance Lessons (CAMLs). The second week consisted of hands-on training from FMSB instructors in a Pearl Harbor classroom using FMSB provided tooling and hardware. The students found the class very informative. FMSB is looking to teach more PPTSC classes via this method and teaching additional subjects (such as the Quality Maintenance Course) via this method. The bottom line here is to save travel costs for the TYCOMS and train more sailors.

FMSB Website

Jamie Gardner

FMSB has 3 websites to provide information to the fleet. We have a world-wide web site, a Shipyard intranet site and a Navy Nuclear Power Program website (SECNET site). Each are similar in design but are different in a few ways and capabilities. For example, the Shipyard intranet site allows direct access to our Computer Aided Maintenance Lesson Plans (CAMLs).

Each website has all the newsletters, all the Quality Notes, all FMSB course schedules and descriptions, points of contact at FMSB, and soon they will have all our available topics we teach on the road.

If you have an idea to place on our website, please contact us at: GardnerJM@nnsy.navy.mil or PlaineWB@nnsy.navy.mil or by phone at (757) 393-7042 or 7027.

Our website address is: http://www.nnsy1.navy.mil/FMSB

Quality Maintenance Course

Art Castleberry

AIRLANT will be sponsoring 4 Quality Maintenance Courses this fiscal year. Here is the most recent schedule:

FY06 QUALITY MAINTENANCE COURSE

06-1- December 05-15, 2005
06-2- March 13-24, 2006
06-3- June 5-16, 2006
06-4- September 11-22, 2006

The course quotas are controlled by AIRLANT (LT Paul Dorris) at (757) 444-6882.